

OPERATING PERMIT FOR FACILITIES  
RECEIVING SOLID WASTE

NAME AND STREET ADDRESS OF FACILITY	TYPE OF FACILITY Class III Solid Waste Sanitary Landfill	FACILITY/PERMIT NUMBER 30 AB-017
Coyote Canyon Sanitary Landfill Coyote Canyon Road Irvine, CA	NAME AND MAILING ADDRESS OF OPERATOR Waste Management Program 1200 North Main Street, Suite 206 Santa Ana, CA 92701	
PERMITTING ENFORCEMENT AGENCY Orange County Solid Waste Enforcement Agency	CITY/COUNTY County of Orange	

PERMIT

This permit is granted solely to the operator named above, and is not transferrable.


Upon a change of operator, this permit is subject to revocation.

Upon a significant change in design or operation from that described by the Plan of Operation or the Report of Station or Disposal Site Information, this permit is subject to revocation, suspension, or modification.

This permit does not authorize the operation of any facility contrary to the State Minimum Standards for Solid Waste Handling and Disposal.

This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other government agencies.

The attached permit findings, conditions, prohibitions, and requirements are by this reference incorporated herein and made a part of this permit.

APPROVED: 3-11-87  APPROVING OFFICER Elden Gillespie, Chairman Orange County Solid Waste Enforcement Agency NAME/TITLE	AGENCY ADDRESS 445 Civic Center Drive West Santa Ana, CA 92701 PH: (714) 834-2976	
SEAL	AGENCY USE/COMMENTS	
	PERMIT RECEIVED BY CWMB 1-26-87	CWMB CONCURRENCE DATE 2-26-87
	PERMIT REVIEW DUE DATE	PERMIT ISSUED DATE

## COYOTE CANYON SANITARY LANDFILL REVISED OPERATING PERMIT

### FINDINGS

1. The Coyote Canyon Sanitary Landfill is an existing Class III solid waste disposal site operated by the County of Orange, General Services Agency, Waste Management Program. This permit revises the existing permit for this facility and was necessary because of the expansion of the site.

The total acreage of the site including the 206 acre expansion now encompasses 859 acres of land leased by the County of Orange from The Irvine Company. The fill area of the entire site is 325 acres and the borrow area is 534 acres for a total of 859. A portion of the expansion area requires a permit from the United States Army Corps of Engineers (refer to Condition 5). Sufficient solid waste disposal capacity exists to permit operations to continue until October 1988. However, the current lease agreement is on a month-to-month basis. Cover is to be applied daily.

Solid waste disposal operations in Coyote Canyon were initiated in August, 1963. The area fill method of solid waste disposal is used. The site is disposing of an average of 6,000 tons of Group 2 and Group 3 solid waste per day over a six-day week which equates to 1.7 million tons per year. The site is open Monday through Saturday from 7:00 p.m. to 5:00 p.m., and is closed on Sundays and major holidays.

The California Regional Water Quality Control Board has advised the County that digested sewage sludge at less than 80 percent moisture content is acceptable for disposal in the landfill. Approximately 150 thousand tons per year of dewatered, digested sewage sludge is currently being accepted.

The County has contracted with a private salvage company for the exclusive right to salvage materials from the disposal site. The salvage operation consists of extracting certain materials such as aluminum, metal, etc. from the waste stream.

2. The following documents condition the adoption, design, operation and use of this facility:
  - a. Waste Discharge Requirements, Order No. 77-210, Amended Order No. 82-299, and 86-192 (adopted December 1986). California Regional Water Quality Control Board, Santa Ana Region.
  - b. Lease Agreement between the County and The Irvine Company, dated August 6, 1963 as Amended.
  - c. Final Environmental Impact Report No. 507/Coyote Canyon Sanitary Landfill, State Clearing House No. SCH 82004.

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- d. Orange County Board of Supervisors Resolution No. 84-225 (EIR certification).
  - e. Report of dispostal site information.
  - f. Industrial Waste Disposal Permit No. 111, Orange County Environmental Management Agency.
  - g. Land Use Element Amendment No. LU 84-1, County of Orange 2-15-84.
  - h. General Plan Amendment No. GPA 26, City of Irvine 6-26-84.
  - i. Use Permit UP 86-24P, County of Orange 10-15-86.
  - j. Conditional Land Use Permit 86-CP-0729, City of Irvine 10-16-86.
  - k. The United States Army Corps of Engineers Permit (pending).
  - l. The California Department of Fish and Game Permit V-86-26, 8-25-86.
- 3. The operation of this facility is in compliance with the State Minimum Standards for Solid Waste Handling and Disposal established by the California Waste Management Board.
  - 4. The local Fire Protection District has determined that the landfill is in compliance with Public Resource Code Section 4373 AND 4374 (Clearance from the Periphery of Exposed Flammable Solid Wastes).
  - 5. This facility is consistent with the latest version of the Orange County Solid Waste Management Plan.
  - 6. This facility is in conformance with the Orange County General Plan and the City of Irvine General Plan.
  - 7. Land within 1000 feet of the disposal site is used for agricultural purposes. Also, a portion of the San Joaquin Reservoir, a potable water supply reservoir, is located within 1000 feet of the site's lease boundary.
  - 8. An Environmental Impact Report was prepared in October 1983, processed and certified for this facility pursuant to the California Environmental Quality Act of 1970, as amended.
  - 9. This permit is consistent with the standards for handling and disposal of solid wastes adopted by the California Waste Management Board.

## CONDITIONS

### Requirements

1. This facility shall comply with all of the State Minimum Standards for Solid Waste Handling and Disposal established by the California Waste Management Board and administered locally by the Local Enforcement Agency. The local Enforcement Agency is the Orange County Solid Waste Enforcement Agency.
2. This facility must comply with all applicable federal, state and local enactments, laws and regulations.
3. Additional information concerning the design and operation of this facility must be furnished upon request and within the time frame indicated by the Local Enforcement Agency.
4. At the discretion of the Local Enforcement Agency, landfill gas probes shall be installed for detection of migration.
5. The expansion area under the jurisdiction of the United States Army Corps of Engineers may not be used for waste disposal until that permit is issued.

### Prohibitions

The following actions are prohibited at this facility:

1. Disposal of hazardous wastes.
2. Disposal of liquid wastes, containerized or not.
3. Disposal of non-digested sewage sludge.
4. Disposal of any sewage sludge with a moisture content, by weight, if over 80 percent.
5. Scavenging.
6. Burning of wastes.
7. Waste disposal in the area under the jurisdiction of the United States Army Corps of Engineers until that permit is issued.

### Specifications

1. No significant change in the design or operation of the facility, as stipulated in the Report of Disposal Site Information - Coyote Canyon Sanitary Landfill and in the FINDINGS section of this permit.

2. A copy of the most recent printing of the State Minimum Standards for Solid Waste Handling and Disposal, and a copy of this and all other permits issued for the operation of this facility must be kept at the site. These documents must be available for review by site supervisors and authorized representatives of the Enforcement Agency.
3. A copy of the most recent inspection report resulting from an inspection of the facility by representatives of the Enforcement Agency must be maintained at the site.
4. To the maximum extent possible, the disposal operation must be oriented to enable refuse to be unloaded at the toe of the active face.
5. Adequate steps must be taken to prevent the propagation, harborage and attraction of flies, rodents and all other vectors. Refuse shall be spread and compacted promptly after being deposited to eliminate voids within the cell that may produce potential rodent harborage.
6. A minimum of 150 feet clearance of all flammables shall be provided and maintained around the periphery of the active disposal area. (Public Resources Code Section 4373)
7. A minimum of 100 feet clearance of all flammables shall be provided and maintained around any structure located within 150 feet of the accumulation of the disposal area. (Public Resources Code Section 4374)
8. A secondary firebreak cleared to mineral soil of at least 50 feet in width shall be provided and maintained around the exterior boundaries of the landfill property during those periods when the surrounding brush and grass are dry and may be subject to burning. A more convenient location for the secondary firebreak may be approved by the Fire Department at the request of the operator.
9. All equipment with internal combustion engines, gas or diesel, must have fire department approved spark arresters attached to the exhaust systems. Equipment with turbochargers and motor vehicles as defined in the California Vehicle Code are exempted.
10. The permittee shall make application and secure the following permits from the orange County Fire Department:
  - a. Permit to dispense and store flammable and combustible liquids.
  - b. Permit to dispense liquid petroleum gas.

11. One fire extinguisher, with a minimum 2A10 BC rating, and one serviceable shovel of at least 46 inches in length must be provided on each piece of heavy equipment i.e., bulldozers, scrapers, water trucks, welders, etc.
12. At least one fire extinguisher, with a minimum rating of 2A10 BC, must be provided in the office/lunch room.
13. At least one fire extinguisher, with a minimum rating of 40 BC, must be provided within 50 feet of the above ground flammable liquid tanks.
14. The sides of internal access roads must be maintained clear of all grass, brush and other flammable material for a distance of 20 feet from the edge of the traveled surface of the roadway.
15. Accumulations of flammable debris must be removed from tractors, scrapers, etc. on a daily basis.
16. At least 3000 gallons of water must be maintained on site for fire fighting purposes.
17. The existing method of reporting fires within the disposal site must be maintained and utilized. All fires must be reported to the Orange County Fire Department immediately.
18. The restrooms and lunchrooms shall be maintained in a clean, orderly and sanitary condition.
19. Hot and cold running water, suitable cleansing agents, and paper or single service type towels shall be provided at all lavatories.
20. The operator should promote personal hygiene by encouraging site personnel to shower at the end of each working day. Presently available shower facilities at the site shall be properly maintained and available for use by site personnel.
21. All sewage sludge disposed of by landfilling must be integrally mixed with a ten to one ratio of ordinary refuse to sludge. Those areas of the landfill utilized for sewage sludge disposal must be covered by soil daily.
22. Sewage sludge must not be disposed of in those areas of the landfill which are adjacent to surface runoff drainage courses.
23. The disposal site shall be designed to provide protection from washout and inundation by surface runoff. Materials disposed of in areas subject to erosion by surface runoff shall be limited to inert/solid fill materials.

24. This facility has an average permitted daily capacity of 6000 tons per day and shall not receive more than 6000 tons per day of solid waste unless it first obtains a modification of this permit.

#### Provisions

1. Because of the detection of leachate, a leachate control system is to be installed with a scheduled completion date of January 1987.
2. When a decision is made concerning the subsequent use to be made of the completed disposal site, or any portion thereof, the Enforcement Agency must be notified in writing of that decision.
3. Any water which accumulates in the two large depressions in the southerly and southeasterly areas of the disposal area (future Pelican Hill Road) must be removed within 10 days. To the maximum extent possible, inert/solid fill waster materials must be diverted to these areas for disposal.
4. This permit is subject to review and may be suspended, revoked, or modified at any time for sufficient cause.

#### Self-Monitoring

1. Monitoring and Report Program - On February 1 of each year, a monitoring report must be submitted to the Enforcement Agency indicating the number of cubic yards of solid waste disposal capacity that was filled during the preceding calendar year, and the number of cubic yards of remaining disposal capacity.
2. Upon installation of the Leachate Control System, monitoring data must be submitted to the Enforcement Agency at the same time it is submitted to the Regional Water Quality Control Board.